7. Liza

Program Name: Liza.java **Input File: liza.dat**

Liza has started working at the local frozen yogurt shop, and they have given her a special task. She has in turn asked you to write a program to handle it. She needs a program that takes a given amount of money that a customer has and determines the most expensive thing(s) they can afford (multiple items may cost the same amount of money). The menu is as follows:

Item Name	**Item Price**	**Item Name**	**Item Price**
Small Yogurt Cup	3.00	Medium Yogurt Cup	5.00
Large Yogurt Cup	7.00	Shake	5.50
Small Concrete	4.00	Large Concrete	6.00
Flavor	**Extra Cost**	**Flavor**	**Extra Cost**
Vanilla	0.00	Chocolate	0.25
Strawberry	0.35	Banana	0.70
Cake Batter	1.00	Brownie Batter	1.25
Topping	**Extra Cost**	**Topping**	**Extra Cost**
Cheesecake Bites	2.50	Gummy Bears	1.00
Chocolate Chips	0.50	Caramel	0.60
Sprinkles	0.10	Boba	2.00
M&Ms	1.20	Hot Fudge	1.40

Yogurt Cups can have up to three added toppings each, but are not required to have any, and can be any flavor. Shakes cannot have toppings, only flavors. Concretes will have one topping mixed in, so it will be half price. To calculate the price of one item, take the base cost, add the flavor cost, and the topping(s) cost (cut in half if it is a concrete). You can only use each topping once per order, and only one flavor.

Input: The input will begin with an integer, `n` (`0 < n <= 1000`), denoting the number of test cases to follow. Each test case will consist of one floating point number denoting the amount of money that the customer has.

Output: Output the order (or list of orders, separated by commas and spaces as seen in the sample output) that costs the maximum amount that the customer can afford. An order should be formatted with the flavor coming first, followed by a space, followed by the base order. If there are toppings they will come after the base order, followed by " `with` ", followed by the first topping, followed by the string " `and` ", followed by the second topping if there is one, followed by the string " `and` ", followed by the third topping if there is one. If the customer cannot afford anything, output "`Nothing`". Multiple orders of the same price should be output in lexicographic order.

Sample input:

```
3
3.84
3.50
3.94
```

Sample output: (*indented lines are continuation of previous line*)

```
Banana Small Yogurt Cup with Sprinkles
Vanilla Small Yogurt Cup with Chocolate Chips
Chocolate Small Yogurt Cup with Caramel, Chocolate Small Yogurt Cup with Chocolate
      Chips and Sprinkles, Strawberry Small Yogurt Cup with Chocolate Chips)
```